

202
Book
Rev Ch 5

p275-76

11-17, 19, 21-27

p277

7-9, 13-17

11. $m\angle DEF > m\angle DFE$

12. $m\angle GDF < m\angle DGF$

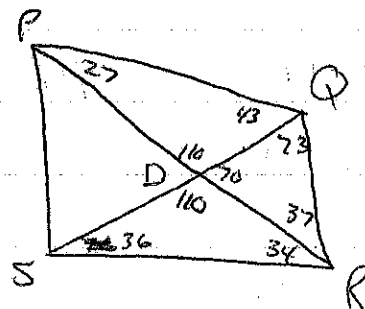
13. $m\angle DEF > m\angle FDE$

14. $SR > SD$

15. $DQ < DR$

16. $PQ > QR$

17. $SR > SQ$



19. Assume the Δ s are not congruent

21. $5+7 \neq 20$ No

22. $16+5 > 20$ yes

23. $18+6 > 20$ yes

24. $m\angle BAC > m\angle DAC$ SSS $6 > 5$

25. $BC > MD$ SAS ing $92^\circ > 58^\circ$

26. $41 > x+20$

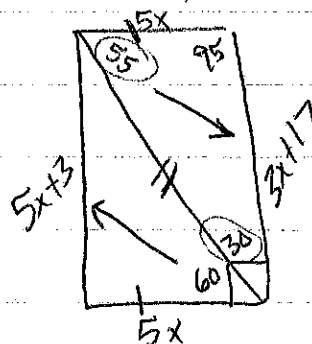
$21 > x$

$x+20 > 0$

$x > -20$

$-20 < x < 21$

27.



$5x+3 > 3x+17$

$2x > 14$

$x > 7$

Conditional Restriction

$5x > 0$

$x > 0$

$3x+17 > 0$

$x > -\frac{17}{3}$

$5x+3 > 0$

$x > -\frac{3}{5}$

Then answer
takes care of all 3

p277 7-9, 13-17

7. $\angle 5$

8. $\angle 8$

9. $\angle 1$

13. ~~14~~ $1+14$

$13 < x < 15$

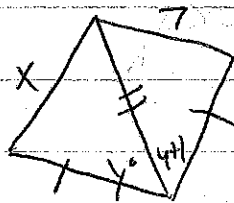
14. ~~14~~ $14+11$

$3 < x < 25$

15. $13+19$

$6 < x < 32$

16.



Since $y+1 > y$ (it has to be)

$7 > x$

Restriction

$x > 0$

$0 < x < 7$

17.

Not
Enough
Information